

2017 3D 列印國際研討會

International Symposium of Additive Manufacturing Taiwan, 2017

研討會地點：台北南港展覽館 1 館

會場地址：台北市 11568 南港區經貿二路 1 號

7 th September AM (Room: 402a+b)		
Time	Topic	Speaker
09:30-09:45	Sign in	
09:45-10:00	Opening Ceremony	國立臺灣科技大學 廖慶榮 校長 科技部長官 經濟部長官
10:00-10:20	A Model for the Factory of the Future	Dr. Ben Wang Executive Director – Georgia Tech Manufacturing Institute, Gwaltney Chair in Manufacturing Systems, USA
10:20-10:30	Taking Group photos / Coffee Break	
10:30-10:50	The Road to Digital Manufacturing	Dr. Ho Chaw Sing Managing Director – The National Additive Manufacturing Innovation Cluster (NAMIC), Singapore
10:50-11:10	Performance increase for additive manufactured parts by topology optimization - how to use lattice structures to save weight and increase functionality	Dr. Kaj Führer Regional Manager – SHT South, German Aerospace Centre (DLR), Germany
11:10-11:30	Unlock The \$12 Trillion Manufacturing Market	Alex Lalumiere Director – APJ Client Sales for 3D Printing Asia Pacific and Japan, HP Inc., French Canadian
11:30-11:50	Trends in 3D printing for production	Michael Petch Editor-in-chief, 3Dprintingindustry.com, UK
11:50-12:50	Lunch Break	

13:00-13:20	Highlights in 3D Bioprinting	Yih-Lin Cheng Associate Professor –Department of Mechanical Engineering, National Taiwan University of Science and Technology, Taiwan
13:20-13:40	Accelerating research in emerging economies through use of 3D printing	Dr. Mohsin Tiwana Associate Professor – National University of Sciences & Technology, Pakistan
13:40-14:00	Application of Additive Manufacturing to Green Technology	Dong-Gyu Ahn Professor – Department of ME, Chosun University, Korea
14:00-14:20	Metal 3D printing technology (SLM) for Tooling & Automotive series production.	Dr. Ralf Frohwerk Head of Global Business Development Professor – SLM Solutions Group AG, Germany
14:20-14:40	Coffee Break	
14:40-15:00	3D Printing Strong Parts 2017 International Symposium on Additive Manufacturing in Taiwan	Dan Monette Director, Channel Development & Growth – Markforged, Inc., USA 實威國際股份有限公司
15:00-15:20	DfAM- design for additive manufacturing	Paul Gallagher Vice President & Managing Director – Far East, Renishaw subsidiary in Taiwan, UK 雷尼紹股份有限公司
15:20-15:40	Materialise: Introduction into the AM workflow	Koen Van de Perre International sales manager APAC – Materialise China
15:40-16:00	應用成形分析克服 3D 金屬列印失敗問題	林建聰 Vice President - 馬路科技顧問股份有限公司
16:00-16:20	傑出光電得獎產品 MiiCraft 125 系列 數位光學式 3D 列印機的應用 2017 Outstanding Photonics Product Award- MiiCraft 3D printer	林堃嵐 技術應用工程 - Young Optics Inc. 揚明光學股份有限公司

8 th September AM (Room: 504a+b)		
Time	Topic	Speaker
09:00-09:30	Sign in	
09:30-09:50	3D printing Education Solution of XYZprinting	楊皓然 Hao Jan Yang 3D Technology Instructor - XYZprinting, Inc 三緯國際立體列印 科技股份有限公司
09:50-10:10	NARLabs Medical Device Alliance	Chang, Chun-Ming Associate researcher – Instrument Technology Research Center, National Applied Research Laboratories(NARLabs)
10:10-10:30	3D 列印技術應用案例分享	呂文德 普立得科技股份有限公司 售前應用部門經理
10:30-10:50	Development of Metal Additive Manufacturing Technology in Tongtai 東台精機於金屬積層製造技術之發展	陳馨寶 副理 東台精機股份有限公司
10:50-11:10	Introduction of MOST AM projects. 科技部積層專案計畫簡介	黃聖杰 教授 國立成功大學 機械工程學系
11:10-11:30	Necessity of state regulation in 3D Biomedical Printing (European View)	Dr. Andreas Stauffer FASP Finck Sigl & Partner, Germany
11:30-11:50	The First Ever Multifunction Mobile 3D Printer	陳定閒 Freeman 台科三維科技股份有限公司 技術長
11:50-12:30	Lunch Break	

3D 生物組織列印技術法規座談會

Workshop for Medical regulation in personal medical device and 3D Bio-printing

8 th September PM (Room: 504a)		
Time	Topic	Speaker
12:30-13:00	Sign in	
13:00-13:20	Introduction of 3D bioprinting platform and the regulation discussion	Dr. Yi-Wen Chen Deputy Director Professor – 3D Printing Medical Research Center China Medical University Hospital, Taiwan
13:20-13:40	Three-Dimensional Printed Drug Delivery Systems	Prof. Kang Lifeng Lecturer Professor – the Faculty of Pharmacy, University of Sydney, Australia
13:40-14:00	Coffee Break	
14:00-14:20	3D Printing for Soft Tissue Engineering-- Biodegradable Elastomers	Jane Wang Professor –Department of Chemical Engineering, National Tsing Hua University, Taiwan
14:20-14:40	3D bioprinting – Ethical, Legal and Social Aspects	Prof. Jerry Fuh Professor – Department of Mechanical Engineering, National University of Singapore (NUS), Singapore
14:40-15:00	Current Development and Future Trends in Toxicology Testing Using Organ-on-a-Chip Technology	Jen-Huang Huang Professor –Department of Chemical Engineering, National Tsing Hua University, Taiwan
15:00-15:30	Regulatory Requirements of 3D Biomedical Printing in Europe	Dr. Andreas Staufer FASP Finck Sigl & Partner, Germany
15:30-15:50	Medical regulation in 3D Bio-printing	Ming-Hua Ho Professor –Department of Chemical Engineering, National Taiwan University of Science and Technology, Taiwan

專家小組會議

Panel Discussion-Regulation of 3D bio-printing

September 8 th PM (Room: 504b)		
Time	Topic	Attendee
16:00-17:30	Regulation of 3D bio-printing 第二次 核心專家座談會	Not open to the public 不對外開放